

MINIATURE FUSE OF SURFACE-MOUNT TYPE

ABSTRACT OF THE DISCLOSURE

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A miniature fuse of surface mount type having a stable pre-arcing time-current characteristic and a strong time lag characteristic, being easy to produce, and providing a constant pre-arcing time is provided. The main body is of rectangular ceramic construction of split type. A fusible member 60 (Ag:Cu:An=>50%:>20%>17%:>5% (weight ratio) wound around the ceramic rod 58

10 (Al₂O₃:MgO:BeO=>96%:>3%:>3%:<1%(weight ratio) is rested on the recessed portion 62 of the lower ceramic casing 54. The end portion 76 of the fusible member 60 is engaged with the side surface of the casing. The upper ceramic casing 52 is laid on the lower casing, so that the cap 56 is fit

15 onto the opposite ends of the main body. The end portion 76 of the fusible member 60 and the cap 56 are connected by welding. At the time of welding, projection 74 to be fit in the recessed portion 72 provided at the main body is formed at the cap 56, so that the cap 56 can be fixed to

20 the main body.